

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Mark Edward KANE, et al.

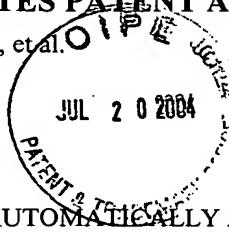
GROUP ART UNIT: 3617

DOCKET NO. 3805-023-27 CONT

SERIAL NO: 10/619,425

FILED: July 16, 2003

FOR: METHOD AND SYSTEM FOR AUTOMATICALLY ACTIVATING A WARNING DEVICE ON A TRAIN



EXAMINER: Frantz F. Jules

**TERMINAL DISCLAIMER**

ASSISTANT COMMISSIONER FOR PATENTS  
PO BOX 1450  
ALEXANDRIA, VA 22313-1450

SIR:

Now comes the undersigned, Attorney of Record in the present application, who avers as follows:

Quantum Engineering, Inc. is the owner of the entire right, title and interest in and to the invention claimed and disclosed in the above-captioned patent application by virtue of assignment.

Quantum Engineering, Inc. hereby disclaims the terminal part of any patent granted on the above-captioned application, which would extend beyond the expiration date of the full statutory term as presently shortened by any terminal disclaimer of Patent No. 6,609,049, and hereby agrees that any patent so granted on said above-captioned application shall be enforceable only for and during such period that the legal title to said patent shall be the same as the legal title to United States Patent No. 6,609,049, this agreement to run with any patent granted on the above-captioned application and to be binding upon the grantee, its successors or assigns.

Quantum Engineering, Inc. does not disclaim any terminal part of any patent granted on the above-captioned application that would extend to the full statutory term as presently shortened by any terminal disclaimer of Patent No. 6,609,049 in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid, is statutorily disclaimed in whole or terminally disclaimed under 37 C.F.R. 1.321(a), has all claims canceled by a reexamination certificate, or is otherwise terminated prior to the expiration of its statutory term as presently shortened by any terminal disclaimer, except for the separation of legal title stated above.

Respectfully Submitted,

PIPER RUDNICK LLP

7/20/04

Date Signed

Steven B. Kelber  
Registration No. 30,073

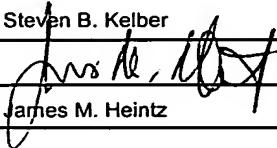
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## FEE TRANSMITTAL

Docket No.	3805-023-27 CONT
Serial No.	10/619,425
Filing Date	July 16, 2003
Inventor(s)	Mark Edward KANE, et al.
Group Art Unit	3617
<b>TOTAL AMOUNT OF PAYMENT</b>	<b>\$0.00</b>
Examiner	Frantz F. Jules

1. <input checked="" type="checkbox"/> Applicant claims small entity status. <input checked="" type="checkbox"/> Charge any <b>UNDERPAYMENT</b> or credit any <b>OVERPAYMENT</b> in the indicated fees to Deposit Account No. 50-1442. <input type="checkbox"/> Charge the indicated fees to Deposit Account No. 50-1442.								<b>FEE CALCULATION (continued)</b>					
								<b>3. ADDITIONAL FEES</b>					
								<b>Large Entity</b>		<b>Small Entity</b>		<b>Fee Description</b>	
2. <input checked="" type="checkbox"/> Check enclosed.								Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Paid
<b>FEE CALCULATION</b>								1051	130	2051	65	Surcharge-late filing fee or oath	
<b>1. BASIC FILING FEE</b>								1052	50	2052	25	Surcharge-late provisional filing fee or cover sheet	
Large Entity		Small Entity		Fee Description				1053	130	1053	130	Non-English Specification	
Fee Code	Fee (\$)	Fee Code	Fee (\$)					Fee Paid				1-mo. ext. of time	
1001	770	2001	385	Utility filing fee				1251	110	2251	55	2-mo. ext. of time	
1002	340	2002	170	Design filing fee				1252	420	2252	210	3-mo. ext. of time	
1003	520	2003	260	Plant filing fee				1253	950	2253	475	4-mo. ext. of time	
1004	770	2004	385	Reissue filing fee				1255	2010	2255	1005	5-mo. ext. of time	
1005	160	2005	80	Provisional filing fee				1401	330	2401	165	Notice of Appeal	
<b>SUBTOTAL (1)</b>					<b>\$0.00</b>	1402	330	2402	165	Appeal Brief			
<b>2. EXTRA CLAIM FEES</b>								1403	290	2403	145	Request for Oral Hearing	
tot. claims	20	-	20*	=	0	x	\$9	=	0	1501	1330	2501	665 Utility/Reissue Issue Fee
ind. claims	2	-	3*	=	0	x	\$43	=	0	1502	480	2502	240 Design Issue Fee
<input type="checkbox"/> Multiple Dependent Claims					<b>\$145</b>	=		1504	300	1504	300	Publication Fee	
Large Entity		Small Entity		Fee Description				8001	3	8001	3	Advance Copy of Patent	
Fee Code	Fee (\$)	Fee Code	Fee (\$)					1460	130	1460	130	Petitions to the Commissioner	
1202	18	2202	9	Claims in excess of 20				1806	180	1806	180	IDS Submission	
1201	86	2201	43	Independent claims in excess of 3				8021	40	8021	40	Assignment recordation	
1203	290	2203	145	Multiple dependent claim, if not paid				1801	770	2801	385	For Filing RCE	
1204	84	2204	43	*Reissue independent claims over original patent				1814	110	2814	55	Terminal Disclaimer	55.00
1205	18	2205	9	*Reissue claims in excess of 20 and over original patent				OTHER (indicate below):					
<b>SUBTOTAL (2)</b>					<b>\$0.00</b>								
* or number previously paid, if greater; For Reissues, see above								<b>SUBTOTAL (3)</b>					<b>\$0.00</b>

Name	Steven B. Kelber	Registration No.	30,073
Signature		Date	7/16/04
Name	James M. Heintz	Registration No.	41,828